

PP102

Chemical Properties

CAS No. :

Formula: C173H285N53O58S3

Molecular Weight: 4131.63

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	PP102, an antimicrobial peptide, exhibits activity against gram-positive bacteria, including <i>B. subtilis</i> (MIC: 25 μ M), <i>S. aureus</i> (MIC: 13.3 μ M), <i>S. lutea</i> (MIC: 63 μ M), and <i>B. pumilus</i> (MIC: 23 μ M) [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.242 mL	1.2102 mL	2.4204 mL
5 mM	0.0484 mL	0.242 mL	0.4841 mL
10 mM	0.0242 mL	0.121 mL	0.242 mL
50 mM	0.0048 mL	0.0242 mL	0.0484 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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